

Group 2 Report Back

- Question: How do the DAAC's work together to facilitate science?
- Fundamentally the best thing the DAAC's can do to facilitate science is by providing data in bundles
 - Heritage
 - Pre-LBA, ISLCP 1 and 2
 - 3 use cases

1. Data Discovery:

User downloads and Processes

- Focused science question
- Enter via single site
- Define a spatial and temporal range, and key words
- Returns a set of URLs which results in a “virtual” bundle
- Citations how were these data used in other studies
- Users who used this data also requested the following

2. Scientist Use Case

Processed, Standardized

- Scientist level project specific (e.g., pre-LBA)
 - Assembled intelligently
 - Done once; value to many
 - Precedent for success
 - Could be targeted to specific locations (Tree grass, Above, phenology)
 - Protected areas, RAMSAR sites
 - Data sets manipulated prior to delivery to user
 - Projected and clipped to the same areas

3. Dynamically Generated

- Ala carte
 - Tailored to an individual user need
 - Spatial and temporal component
 - User chooses the specific parameters
 - High level services
 - Projected, clipped, filtered by quality info

- Support for modeling community
 - Need for merging of weather/climatological data with spectral/derived
 - Need to merge the search for validation with the model parameterization data sets
 - Data bundling serves this need
 - Use case 2 and/or 3
 - Data priority list from the modeling community can be harvested from the Carbon? community